

ICS

English version

Classification of grades of steel - Examples of classification related to European standards

Classification des nuances d'acier - Exemples de
classification liée aux normes européennes

Einteilung der Stähle - Beispiele für die Einteilung in
Europäischen Normen

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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Foreword

This document has been prepared as a technical report in order to replace the annexes A and B of the European standard EN 10020 : 1988.

This document has been prepared by ECISS /TC 6, "Definition and classification of steel".

1 Scope

The present CEN report establishes a classification between alloy and non alloy steels which are indicated in the existing European Standards as function of the quality classes defined in prEN 10020.

2 Normatives references

prEN 10020-¹⁾, *Definition and classification of grades of steel*

EN 10016-2 : 1994, *Non alloy steel rod for drawing and/or cold rolling – Part 2 : Specific requirements for general purposes rod*

EN 10016-3 : 1994, *Non alloy steel rod for drawing and/or cold rolling – Part 3 : Specific requirements for rimmed and rimmed substitute low carbon steel rod*

EN 10016-4 : 1994, *Non alloy steel rod for drawing and/or cold rolling – Part 4 : Specific requirements for rod for special applications*

EN 10025 : 1990 + A1 : 1993, *Hot rolled products of non-alloy structural steels – Technical delivery conditions*

EN 10028-2 : 1992, *Flat products made of steels for pressure purposes – Part 2 : Non-alloy and alloy steels with specified elevated temperature properties*

EN 10028-3 : 1992, *Flat products made of steels for pressure purposes – Part 3 : Weldable fine grain steels, normalized*

EN 10028-4 : 1994, *Flat products made of steels for pressure purposes – Part 4 : Nickel alloy steels with specified low temperature properties*

EN 10028-5 : 1996, *Flat products made of steels for pressure purposes – Part 5 : Weldable fine grain steels, thermomechanically rolled*

EN 10028-6 : 1996, *Flat products made of steels for pressure purposes – Part 6 : Weldable fine grain steels, quenched and tempered*

EN 10028-7 : 1999, *Flat products made of steels for pressure purposes – Part 7 : Stainless steels*

ENV 10080 : 1995, *Steel for the reinforcement of concrete weldable ribbed reinforcing steel B 500 – Technical delivery conditions for bars, coils and weldable fabric*

EN 10083-1 : 1996, *Quenched and tempered steels – Part 1 : Technical delivery conditions for special steels*

EN 10083-2 : 1996, *Quenched and tempered steels – Part 2 : Technical delivery conditions for unalloyed quality steels*

EN 10083-3 : 1995, *Quenched and tempered steels – Part 3 : Technical delivery conditions for boron steels*

EN 10084 : 1998, *Case hardening steels – Technical delivery conditions*

EN 10087 : 1998, *Free-cutting steels – Technical delivery conditions for semi-finished products, hot-rolled bars and rods*

EN 10088-1 : 1995, *Stainless steels – Part 1 : List of stainless steels*

1) To be published